



CorePro LEDspot LV



CorePro LED spot ND4.4-35WMR16 840 36DUK

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots. LEDlamps deliver huge energy savings and minimize maintenance cost.

Product data

General Information		Power Consumption	
Cap base	GU5.3	Power Consumption	4.4 W
Nominal lifetime	15,000 h	Lamp current (nom.)	520 mA
Switching Cycle	50,000	Wattage equivalent	35 W
Lighting Technology	LED	Starting time (nom.)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.6
		Voltage (nom.)	ac electronic 12 V
Light Technical		Temperature	
Colour Code	840 [CCT of 4000K]	T-Case maximum (nom.)	85 °C
Beam angle (nom.)	36 degree(s)		
Luminous Flux	390 lm	Controls and Dimming	
Luminous intensity (nom.)	750 cd	Dimmable	No
Colour designation	Cool White (CW)		
Correlated Colour Temperature (Nom)	4000 K	Mechanical and Housing	
Luminous efficacy (rated) (nom.)	88.00 lm/W	Bulb shape	MR16
Colour consistency	<6	Net Weight (Piece)	0.045 kg
Colour rendering index (CRI)	80		
LLMF at end of nominal lifetime (nom.)	70 %	Approval and Application	
Luminous flux in 90° cone (rated)	390 lm	Energy Efficiency Class	F
Photobiological safety according to EN 62471	RG1	Suitable for accent lighting	Yes
		Energy consumption kWh/1,000 hours	5 kWh
		EPREL Registration Number	421458
Operating and Electrical			
Line Frequency	- Hz		
Input frequency	- Hz		

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EU RoHS compliant	Yes
EyeComfort	Yes

Application Conditions

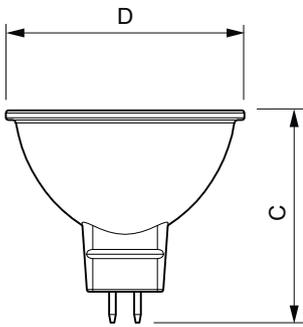
Can it be used in closed luminaires	No
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Product Data

Order product name	CorePro LED spot ND4.4-35WMR16 840 36DUK
Full product name	CorePro LED spot ND4.4-35WMR16 840 36DUK

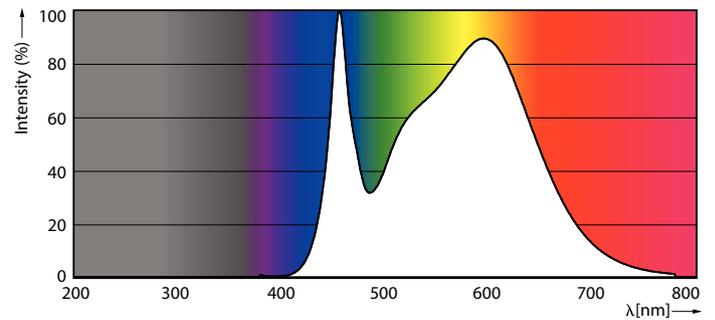
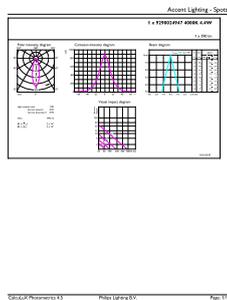
Full EOC	871951430708701
Order code	30708701
Material no. (12 NC)	929002494799
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514307087
Numerator – packs per outer box	10
EAN/UPC – Case	8719514405455

Dimensional drawing



Product	D	C
CorePro LED spot ND4.4-35WMR16 840 36DUK	50.5 mm	45.5 mm

Photometric data

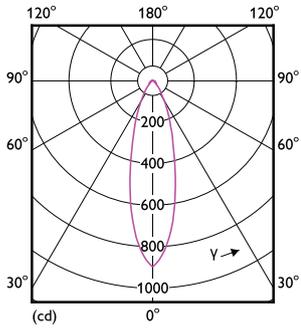


Accent Lighting Spots - CorePro LED spot ND4.4-35WMR16 840 36DUK

Spectral Power Distribution Colour - CorePro LED spot ND4.4-35WMR16 840 36DUK

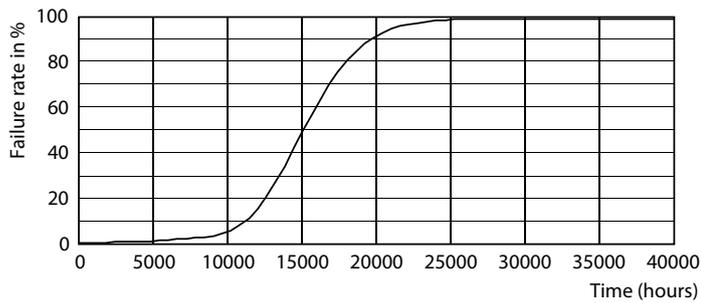
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Photometric data

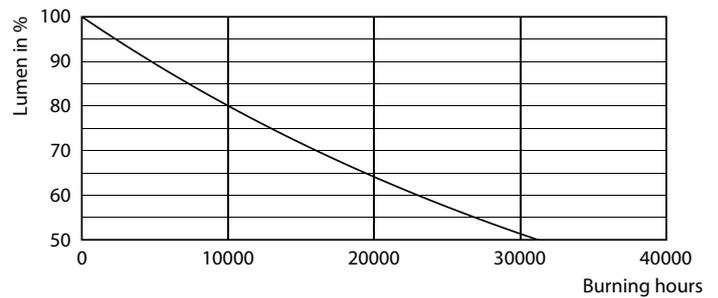


Light Distribution Diagram - CorePro LED spot ND4.4-35WMR16 840 36DUK

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LED spot ND4.4-35WMR16 840 36DUK

